

Fig. 1

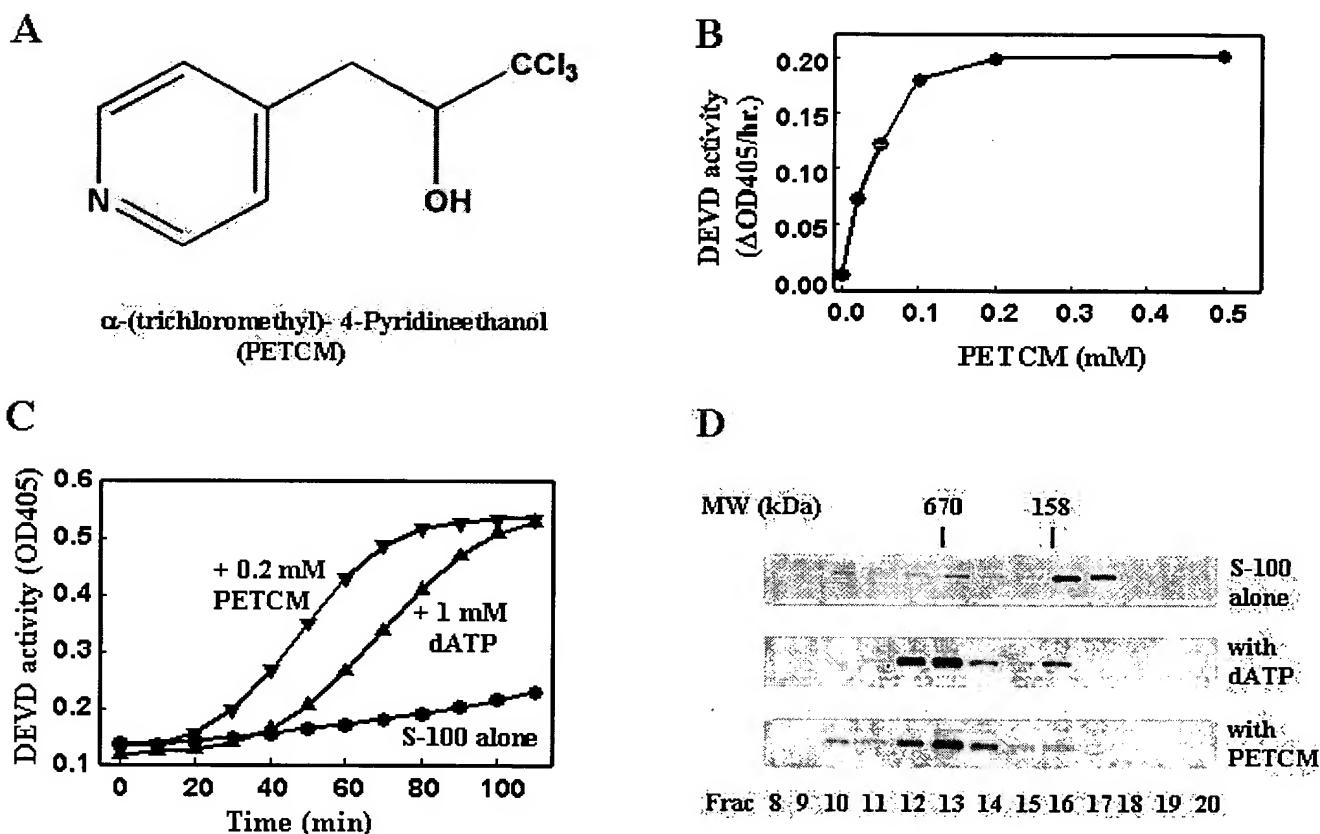


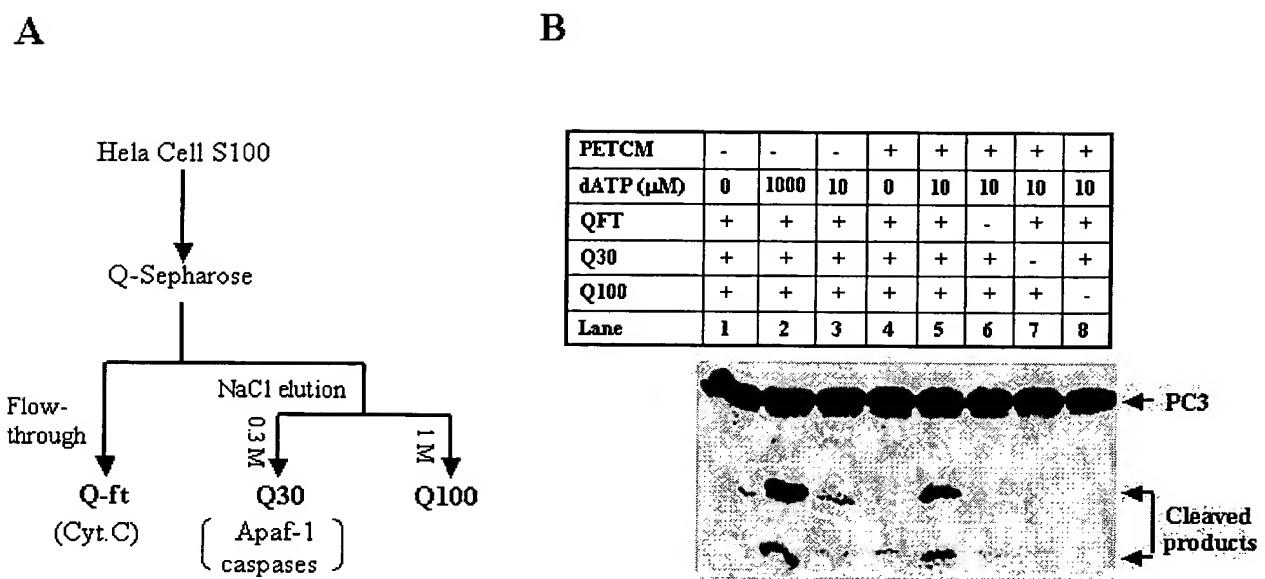
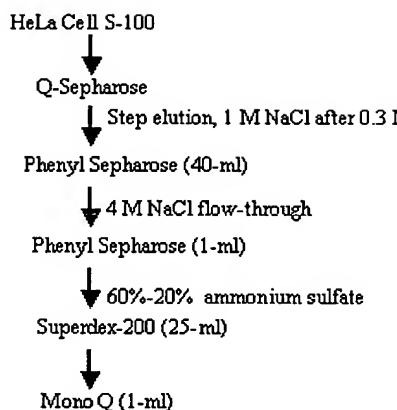
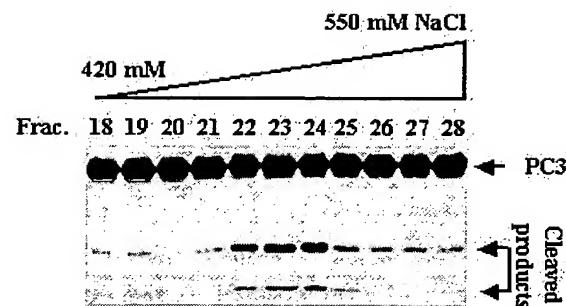
Fig. 2

Fig. 3

5

A**B****D 50**

PHAPI	1	MEMGRRIHLELRNRTISDVKELVLDI	SRSNEGKLPGLTDEPPELEFLG	TINVLGLTSIANL
PHAPI2a	1	MEMKRRIHLELRNRTI	AVRELVLDNCKNDGKIEGLTAEEV	LEFLSLINVGILSVSNL
PHAPIII	1	MEMKKRIMLELRNRS	PPEV	ELVDLNCLCVNGIEGINDPPELEFLSANVELSSLARL
<hr/>				
55				
PHAPI	61	PKLNKLKKELESDNRV	SGGLELEVLAEKCPNLTHLNLSGNKIKDLST	TEPLKKLENLKSLDI
PHAPI2a	61	PKLKLKKELESEN	IEGGEDMLAEKCPNLTHLNLSGNKIKDLST	TEPLKKLENLKSLDI
PHAPIII	61	PSLNKLKKELESDH	ISGGGLELEVLAEKCPNLTHLNLSGNKIKDLST	VEAQNPNLKSLDI
<hr/>				
60				
PHAPI	121	FNCEVTNLNDYR	EVNFVKLLPQTLTYLDGYDRDKEAPDSDAF	GVEGLDDDEEEEDER-EEY
PHAPI2a	121	FNCEVTNLNDYRESVF	KLLPQTLTYLDGYDRDKEAPDSDAF	-VDGVDDEEEEDER-GEDER
PHAPIII	121	FNCEITNL	PDYRESTFELQITYLDGFD	EDNEAPDSSEBODEDGEDDEDDDEEEEDASGP
<hr/>				
65				
PHAPI	180	DEDAQVVE	--DEED-EDEEEEGEEDVSGEEEEEDEGYN-----	-DGFVDDDE-
PHAPI2a	179	DEDDDEGEEEB	-DEED-EDEEEVGEGEDDDEEVSEEERBFGID-----	-EEDEDED-
PHAPIII	181	IEGYEEEEE	EEED-EDEEEVGAGSPICGEEBPVGISYLMKREBI	DEDDDDYVER
<hr/>				
70				
PHAPI	223	-EDEEDLGEEK	-RGQKRKRPDEDEGEDDE-	
PHAPI2a	227	-EDEEEB	EGCIGKEKRKRPDEDEGEDDE-	
PHAPIII	239	GEEEEEE	EGGURGEKRKD	DEDGEEEED

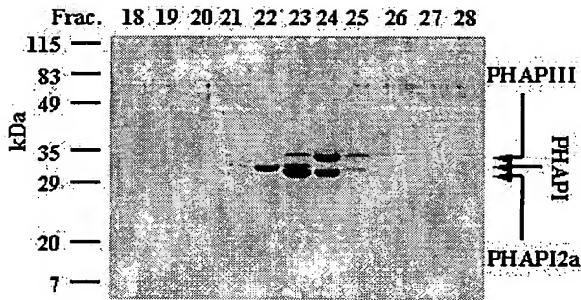
C

Fig. 4

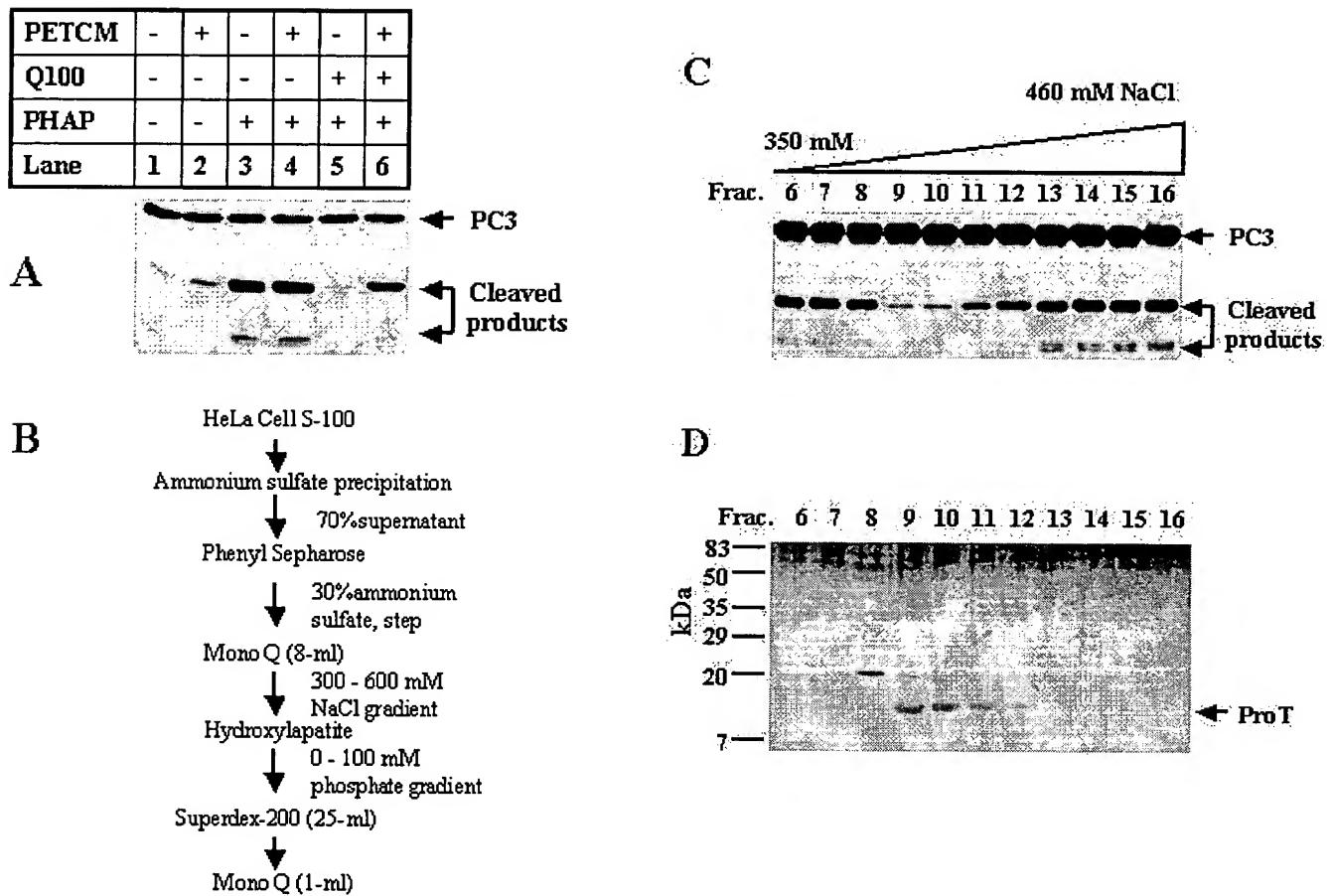


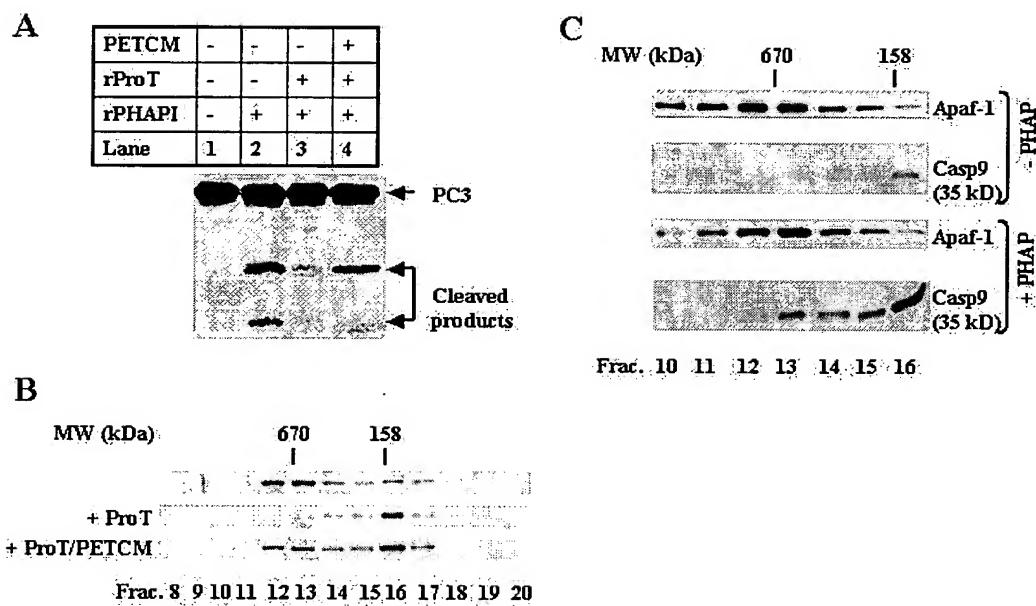
Fig. 5

Fig. 6